

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-27. (Cancelled)

28. (Currently Amended) A filter for filtration and elimination of Legionella ~~Pneumofila~~ Pneumophila in any installation at risk from Legionella ~~Pneumofila~~ Pneumophila proliferation comprising:

a non woven fabric formed from ~~artificial, synthetic~~ fibers cut or in monofilaments and their mixtures previously treated with anti-bacterial compounds so that the treated fibers exhibit anti-bacterial properties at temperatures above 200°C;

said ~~wherein the~~ fibers are selected from [[a]] the group consisting of:

- a) natural polymer chemical fibers which have or have not been modified,
- b) synthetic polymer chemical fibers,
- c) glass fibers,
- d) carbon fibers,
- e) other fibrous materials,
- f) bicomponents, and
- g) polycomponents

wherein the filter prevents the penetration of Legionella
Pneumophila in airborne liquid droplets.

29. (Currently Amended) A filter for filtration and elimination of Legionella ~~Pneumofila~~ Pneumophila in any installation at risk from Legionella ~~Pneumofila~~ Pneumophila proliferation of claim 28 wherein:

said non woven fabric is formed from a mixture of two or more type fibers and wherein said mixture of two or more fibers ~~is in a proportion of 0.5 to 99.5%~~ includes 0.5 to 99.5% of a first type fiber and the remainder of a second type fiber.

30. (Currently Amended) A filter for filtration and elimination of Legionella ~~Pneumofila~~ Pneumophila in any installation at risk from Legionella ~~Pneumofila~~ Pneumophila proliferation of claim 28 wherein:

said fibers have

- a fiber thickness in the range of 0.02 to 1,500 deniers;
- a cross section selected from a group consisting of:

circular, square, elliptical, hollow, trilobal, flat
and similar;

- a length in the range of 0.1mm to 500mm or continuous filaments;

~~- a density in the range of thicknesses of 0.1 to 15cm;~~
- a weight in the range of from 5 to 2,500 grams;
- a fusion point in the range of from 60° C to 450° C; and
- a range in color from translucent / white to black and any combinations thereof.

31.-51. (Cancelled)

52. (Currently Amended) A filter for filtration and elimination of Legionella ~~Pneumofila~~ Pneumophila in any installation at risk from Legionella ~~Pneumofila~~ Pneumophila proliferation of claim 28 further comprising:

obtaining the filter by conventional filament fabric methods selected from the group consisting of:

Splitters, mixers, carding machines, cross lappers, felt machines, sewing machines, extruders, injectors, laminators, pre-needle punching machines, needle punchers, structurers, calendars, drying and thermofixing ovens, electrically resistant machines, direct or indirect gas flame machines, infra red thermofusion machines, embossers, welders, gluers, latex or resin and anti-bacterial component inductors, ultrafrequency machines, felting machines, fulling machines, powder application machines, fabric gluing machines, padding machines, and scrapers.

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53. (New) A filter for filtration and elimination for Legionella Pneumophila in any installation at risk from Legionella Pneumophila proliferation of claim 28 wherein said fibers are selected from a group consisting of artificial fibers, natural fibers and combinations of artificial and natural fibers.

54. (New) A filter for filtration and elimination for Legionella Pneumophila in any installation at risk from Legionella Pneumophila proliferation of claim 28 wherein said non woven fabric has a density in the range of thicknesses of 0.1 to 15cm.

55. (New) A filter for filtration and elimination of Legionella Pneumophila in any installation at risk from Legionella Pneumophila proliferation of claim 28 wherein said anti-bacterial compounds are integrated into the body and core of said fibers.